

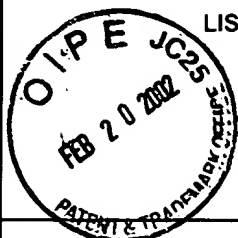
FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

TKR 2050.1

09/981,002



## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Wayne M. Barnes

FILING DATE

October 17, 2001

GROUP

1656

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SH	1	4,683,202	7/1987	Mullis			
SH	2	4,795,699	1/1989	Tabor et al.			
SH	3	4,921,794	5/1990	Tabor et al.			
SH	4	5,001,050	5/1991	Blanco et al.			
SH	5	5,075,216	12/1991	Innis et al.			
SH	6	5,079,352	1/1992	Gelfand et al.			
SH	7	5,210,036	5/1993	Comb et al.			
SH	8	5,374,553	12/1994	Gelfand et al.			
SH	9	5,322,785	6/1994	Comb et al.			
SH	10	5,352,778	10/1994	Comb et al.			
SH	11	5,466,591	11/1995	Abramson et al.			
SH	12	5,556,772	10/1996	Sorge et al.			
SH	13	5,550,363	3/1996	Comb et al.			
SH	14	5,512,462	4/1996	Cheng			
SH	15	5,545,552	8/1996	Mathur			
SH	16	5,489,523	2/1996	Mathur			

## FOREIGN PATENT DOCUMENTS

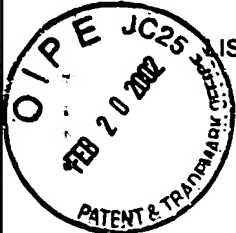
*EXAMINER INITIAL		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SH	17	EP416,755	3/1991	Europe				
SH	18	WO 91/02090	2/1991	PCT				
SH	19	WO 92/06200	4/1992	PCT				

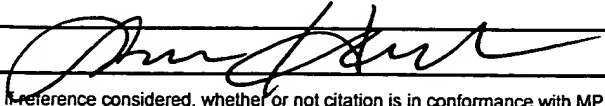
EXAMINER

DATE CONSIDERED

8/20/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. TKR 2050.1	SERIAL NO. 09/981,002
				APPLICANT Wayne M. Barnes	
				FILING DATE October 17, 2001	GROUP 1656
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)					
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
SH	20	Livingston, David M. et al. "Affinity Chromatography of Avian Type C Viral Reverse Transcriptase: Studies with Rous Sarcoma Virus Transformed Rate Cells" Virology 50, 388-395 (1972).			
SH	21	Mattila, P. et al., "Fidelity of DNA synthesis by the Thermococcus litoralis DNA polymerase-an extremely heat stable enzyme with proofreading activity", Nucl. Acids Res. 19(18): 4967-4973 (1991).			
SH	22	Lundberg, K.S., "High-fidelity Amplification using a Thermo-stable DNA Polymerase Isolated from <i>Pyrococcus furiosus</i> ", Gene 108:1-6 (1991).			
SH	23	Ohler, L.D. et al., "Optimization of Long-distance PCR Using Transposon-based Model System", PCR Methods and Applications, pp 51-59, (1992).			
SH	24	Barnes, W., "The fidelity of Taq Polymerase Catalyzing PCR is Improved by and N-terminal Deletion", Gene, 112: 29-35 (1992).			
SH	25	Uemori, Takashi et al. "Organization and Nucleotide Sequence of the DNA Polymerase Gene from the Archaeon <i>Pyrococcus furiosus</i> ", Nucliec Acids Research, 21:259-265 (1993).			
SH	26	Barnes, W., "PCR Amplification of up to 35-kb DNA with high Fidelity and High Yield from $\lambda$ Bacteriophage Templates", PNAS 91: 2216-2220 (1994).			
SH	27	Cheng, S. et al., "Effective Amplification of Long Targets from Cloned Inserts and Human Genomic DNA", PNAS 91:5695-5699 (1994).			
SH	28	Anonymous, "Recombinant VentR™ DNA Polymerase", The NEB Transcript 3:4 (1991).			
SH	29	Lawyer, F.C., et al., "High-level Expression, Purification, and Enzymatic Characterization of Full-Length <i>Thermus Aquaticus</i> DNA Polymerase and a Truncated form Deficient in 5' to 3' Exonuclease Activity", PCR Meth. and Appl. 2:275-287 (1993).			
SH	30	Perrino, F.W., et al., "Proofreading by the $\epsilon$ Subunit of <i>Escherichia coli</i> DNA Polymerase III Increases the Fidelity of Calf Thymus DNA Polymerase $\alpha$ ", Proc. Natl. Acad. Sci. 86: 3085-88.			
SH	31	Yu Sheng Zhu, et al., "The Use of Exonuclease III for Polymerase Chain Reaction Sterilization", Nucleic Acids Res. 19:2511 (1991).			

EXAMINER		DATE CONSIDERED	3/20/03
*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			